

(c) *In gyroplanes.* (1) Preflight operations including weight and balance determination, line inspection, gyroplane servicing, powerplant operations, and aircraft systems;

(2) Airport and traffic pattern operations, collision and wake turbulence avoidance;

(3) Flight maneuvering by reference to ground objects;

(4) Pilotage with the aid of a magnetic compass;

(5) Maneuvering at critically slow air speeds, and the recognition of and recovery from high rates of descent at low airspeeds; and

(6) Emergency procedures, including maximum performance takeoffs and landings.

[Doc. No. 24695, 54 FR 13040, Mar. 29, 1989, as amended at Amdt. 61–490, 56 FR 11325, Mar. 15, 1991]

**§ 61.99 Airplane rating: Aeronautical experience.**

(a) An applicant for a recreational pilot certificate with an airplane rating must have had at least a total of 30 hours of flight instruction and solo flight time which must include the following:

(1) Fifteen hours of flight instruction from an authorized flight instructor, including at least—

(i) Except as provided for in paragraph (b), 2 hours outside of the vicinity of the airport at which instruction is given, including at least three landings at another airport that is located more than 25 nautical miles from the airport of departure; and

(ii) Two hours in airplanes in preparation for the recreational pilot flight test within the 60-day period before the test.

(2) Fifteen hours of solo flight time in airplanes.

(b) Pilots based on small islands.

(1) An applicant who is located on an island from which the flight required in § 61.99(a)(1)(i) cannot be accomplished without flying over water more than 10 nautical miles from the nearest shoreline need not comply with § 61.99(a)(1)(i). However, if other airports that permit civil operations are available to which a flight may be made without flying over water more than 10 nautical miles from the nearest

shoreline, the applicant must show completion of a dual flight between those two airports which must include three landings at the other airport.

(2) The pilot certificate issued to a person under paragraph (b)(1) of this section contains an endorsement with the following limitation which may subsequently be amended to include another island if the applicant complies with paragraph (b)(1) of this section with respect to that island:

Passenger carrying prohibited in flights more than 10 nautical miles from (appropriate island).

(3) The holder of a recreational pilot certificate with an endorsement described in paragraph (b)(2) of this section is entitled to removal of the endorsement if the holder presents satisfactory evidence of compliance with the applicable flight requirements of § 61.93(c) to an FAA inspector or designated pilot examiner.

[Doc. No. 24695, 54 FR 13041, Mar. 29, 1989]

**§ 61.100 Rotorcraft rating: Aeronautical experience.**

An applicant for a recreational pilot certificate with a rotorcraft category rating must have at least the following aeronautical experience:

(a) For a helicopter rating, an applicant must have a minimum of 30 hours of flight instruction and solo flight time in aircraft, which must include the following:

(1) Fifteen hours of flight instruction from an authorized flight instructor including at least—

(i) Two hours of flight instruction in helicopters from an authorized flight instructor outside the vicinity of the airport at which instruction is given, including at least three landings at another airport that is located more than 25 nautical miles from the airport of departure; and

(ii) Two hours of flight instruction in preparation for the flight test within the 60-day period preceding the test.

(2) Fifteen hours of solo time in helicopters including—

(i) A takeoff and landing at an airport that serves both airplanes and helicopters; and

(ii) A flight with a landing at a point other than an airport.